

# MODEL ORDINANCE

(short version)

BILL NO. \_\_\_\_\_

ORDINANCE NO. \_\_\_\_\_

ENACTING a Water Conservation Plan pertaining to and governing water service rendered by the City; providing for the enforcement thereof; declaring a violation of said Water Conservation Plan, or any provision therein subject to certain penalties.

WHEREAS, under and by virtue of Article \_\_\_\_ of the Charter of the City of \_\_\_\_\_, the City Water Department is vested with the power and authority, and is charged with the duty and obligation of managing, controlling and operating the water utilities owned by the City; and

WHEREAS, the Water Department has recommended adoption by the City Council a Water Conservation Ordinance which would provide for the discontinuance, interruption, or curtailment of water service to consumers under specified conditions; and

WHEREAS, the City Council now finds, determines, and declares that it will be in the best interest of the citizens of the City, and of the Water Department, that proper and adequate provision be made for the enforcement of the Water Conservation Plan pertaining to and governing water service, and that from time to time hereafter said Water Department may fix, determine, adopt and promulgate amendments to, or changes in, said plan with same to be approved by the City Council, and for the violation thereof to be subject to a suitable penalty to be provided and fixed for any such violation.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF \_\_\_\_\_ AS FOLLOWS:

That Chapter \_\_\_\_ of the \_\_\_\_\_ City Code is hereby amended by adding the following sections pertaining to the adoption of a Water Conservation Plan for water service and providing for enforcement of the same, as follows:

Chapter \_\_\_\_ – Water Conservation Plan

The following is hereby adopted as the Water Conservation Plan (hereinafter referred to as the plan.)

## WATER CONSERVATION PLAN

The plan would become effective upon a finding by the management of the Water Department that a probable water shortage problem exists. When it can be anticipated that there is a distinct possibility of a water distribution shortfall, the following plan will be implemented until it can be determined that the emergency no longer exists. Depending on the expected severity of the problem, it is possible that stages II and III might be implemented immediately. Requests for public cooperation would be made through the news media. This Ordinance will affect only those citizens and commercial entities that receive water service from the \_\_\_\_\_ Water Department.

### Stage One (voluntary)

Request voluntary conservation and compliance with the following restrictions:

- A. No washing of sidewalks, driveways, parking areas, patios, or other paved areas.

- B. No refilling of swimming pools with water furnished by the City.
- C. No washing of cars, other motor vehicles, trailers, or boats.
- D. No water to be used for dust control.
- E. No flushing of mains, except to alleviate specific complaints.
- F. Commercial and industrial users to conserve water as much as possible.

If, after the initiation of Stage One, weather conditions, expected trends in demand, or other factors indicate that the threat of a shortage will continue, the additional provisions of Stage Two will be implemented.

#### Stage Two (voluntary)

Stage One restrictions would remain in effect plus the following:

- A. No use of water from a fire hydrant except for fighting fires.
- B. Watering of any lawn, garden, trees, or other plants in prohibited, except from a hand-held container.
- C. Commercial / industrial users to reduce usage by 30%.

If, after initiation of Stage Two, it appears that the shortage will continue or worsen, the mandatory measures of State Three would be implemented.

#### State Three (mandatory)

All restrictions listed in Stage One and Two would become mandatory, plus all commercial and industrial users would be required to adopt previously submitted water conservation plans (see below.)

### SECTION II

Any person who shall violate any of the mandatory provisions of the plan, or any commercial / industrial user who fails to submit a conservation plan acceptable to the Water Department within 120 days of passage of this ordinance, shall be subject to the penalties set forth in section \_\_\_\_ of the City Code and shall be subject to termination of service.

This ordinance shall be in full force and effect from and after passage.

DATE: \_\_\_\_\_

Mayor \_\_\_\_\_

City Clerk: \_\_\_\_\_

City of Disaster

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GENERAL ORDINANCE NO. 502

ENACTING a Water Conservation Plan pertaining to and governing water service rendered by the City; providing for the enforcement thereof; declaring a violation of said Water Conservation Plan, or any provision therein subject to certain penalties.

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WHEREAS, under and by virtue of Article 20 of the Charter of the City of Disaster, Missouri, the Water Department of the City of Disaster, Missouri, is vested with the power and authority, and is charged with the duty and obligation of managing, controlling and operating the water utilities owned by the City of Disaster, Missouri, (hereinafter sometimes called 'the City'); and

WHEREAS, in the exercise of the powers and duties vested in and conferred upon it, the Water Department did, on January 5, 1980, fix, determine, adopt and declare that a Water Conservation Plan pertaining to and governing water service by the system owned by the City should be enacted in ordinance form and after date of passage of said ordinance by the City council that thereafter discontinuance, interruption or curtailment of water service to consumers may be effected in accordance with the provisions of said Water Conservation Plan, a certified copy of said Water Conservation Plan having heretofore been filed with the City Clerk of the City of Disaster, Missouri; and

WHEREAS, the City Council now finds, determines and declares that it will be for the best interest of the citizens of the City, and of the Water Department, that proper and adequate provision be made for the enforcement of the Water Conservation Plan pertaining to and governing water service, and that from time to time hereafter said Water Department may fix, determine, adopt and promulgate amendments to, or changes in, said plan with same to be approved by the City Council, and for the violation thereof to be subject to a suitable penalty to be provided and fixed for any such violation.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF DISASTER, MISSOURI, as follows:

That Chapter 3 of the Disaster City Code is hereby amended by adding thereto six new sections pertaining to the adoption of a Water Conservation Plan for water service and providing for enforcement of the same, which section shall read as follows:

Chapter 3 Water Conservation Plan.

The following is hereby adopted as the Water Conservation Plan (hereinafter referred to as the plan.)

WATER CONSERVATION PLAN

The plan would become effective upon a finding by the management of the Water Department that a probable water shortage problem exists. When it can be anticipated that there is a distinct possibility of a water distribution shortfall, the following plan will be implemented until it can be determined that the emergency no longer exists.

Depending on the expected severity of the problem it is possible that stages II and III might be implemented immediately. Requests for public cooperation would be made through the news media. This Ordinance will affect only those citizens and commercial entities that receive water service from the Disaster Water Department.

## SECTION I

### Stage One (Voluntary)

Request voluntary conservation effort and compliance with the following restrictions;

- A. No washing of sidewalks, driveways, parking areas, tennis courts, patios, or other paved areas, no pumping of fountain recirculating water.
- B. No refilling of swimming pools with water furnished by the City.
- C. No washing of cars, other motor vehicles, trailers, or boats.
- D. No water to be used for dust control.
- E. No flushing of mains by Water Department personnel, except to alleviate specific customer complaints.
- F. Commercial and industrial users will be requested to conserve water use as much as possible.

If, after the initiation of Stage One, weather conditions, expected trends in demand, or other factors indicate that the threat of a water shortage will continue, the additional provisions of Stage Two will be implemented.

### Stage Two (Voluntary)

Stage one restrictions would remain in effect plus the following restrictions would also be requested:

- A. No use of water from a fire hydrant except for fighting fires, human consumption, or use in connection with animals.
- B. Watering of any lawn, garden, landscaped area, trees, shrub, or other plant shall be prohibited, except from a hand-held hose or container, or drip irrigation system. Such watering shall be permitted only at times designated by the management of City Water Department.
- C. Commercial and industrial users would be requested to reduce their water consumption by 30%.

If, after the initiation of Stage Two, weather conditions, expected trends in demand, or other factors indicate that the threat of a water shortage will continue or worsen, or if a serious problem or system emergency should develop, the mandatory measures of Stage Three would be implemented.

### Stage Three (Mandatory)

- A. No washing of sidewalks, driveways, parking areas, tennis courts, patios, or other paved areas, no pumping of fountain recirculating water.
- B. No refilling of swimming pools with water furnished by the City.
- C. No use of water for recreational uses such as water slides or yard play.
- D. No washing of cars, other motor vehicles, trailers, or boats except from a bucket.

- E. No water to be used for dust control.
- F. No flushing of mains by Water Department personnel, except to alleviate specific customer complaints.
- G. No use of water from a fire hydrant except for fighting fires, human consumption, or use in connection with animals.
- H. Watering of any lawn, garden, landscaped area, tree, shrub, or other plant shall be prohibited.
- I. It would be mandatory that all large commercial and industrial users follow a previously submitted conservation plan for their operation that has been approved by the City Water Department. A customer that fails to submit a conservation plan would be subject to the penalties of Section V of this ordinance.

Depending upon the severity of the problem, the plan could revert back to stage One or Two or be canceled as conditions improve.

## SECTION II

### Commercial and Industrial Conservation Plans

Commercial and industrial customers must submit to the City Water Department a water conservation plan for their operation within 120 days of the passage of this Ordinance.

The conservation plan shall describe how the user intends to reduce water consumption during Stage Three of the Water Conservation Plan. The goal of the required plan should be to reduce the customer's usage by 50%. Specific measures should be listed and described, i.e., water recycling, delaying routine watering of lawns and shrubbery, delaying routine washing of equipment and facilities, changes to processes requiring less water, etc.

## SECTION III

### Notification Provision

With respect to the mandatory provisions of this plan, a customer shall be deemed to have been notified and directed to reduce the use of water as set forth in the plan when the General Manager of the City Water Department or his designated representative files such notice through the news media, except nothing contained herein shall be deemed to prohibit other means to notify persons of the need to reduce use of water in accordance with the plan.

Upon the Water Department taking steps to notify customers as set forth above, a customer shall be presumed to have notice and shall take steps to comply with the plan, except a customer may rebut such presumption by showing that the customer did not, in fact, have notice of the directions to comply with the provisions of this plan.

## SECTION IV

### Compliance With the Plan

All persons who receive city water service shall be entitled to receive such water service only upon strict compliance with provisions of the Plan.

It shall be unlawful for any person to violate the mandatory provisions of the Plan when such person is directed to reduce or curtail their use of water as set forth in step three of the Plan. A direction to reduce or curtail use of water shall be presumed when notice is given as set forth in the Plan.

#### SECTION V

##### Penalties

Any person, who shall violate any of the mandatory provisions of the Plan pertaining to discontinuance, interruption, curtailment of water service, or any large commercial or industrial user who fails to submit a conservation plan acceptable to the Water Department within 120 days of the passage of this ordinance shall be subject to the penalties set forth in section 1-7 of the Disaster City Code.

Additionally, any large commercial or industrial user who fails to submit a conservation plan as required will be subject to termination of service during State Three of the Water Conservation Plan at the discretion of the management of City Water Department.

Any new customer who shall be required to file such a plan shall have a grace period of 120 days from the date of service hook-up to comply.

#### SECTION VI

That the sections, subsections, sentences, clauses and all other parts of this ordinance, are severable and are not matters of mutually essential inducement; and that, if any one or more of said sections, subsections, sentences, clauses or other parts of this ordinance shall for any reason be questioned in any court or shall be adjudged unconstitutional or invalid, and the same shall not impair, invalidate, affect or prejudice in any way the remaining provisions of this Ordinance.

#### SECTION VII

This ordinance shall be in full force and effect from and after passage.

Passed at meeting: January 16, 1980

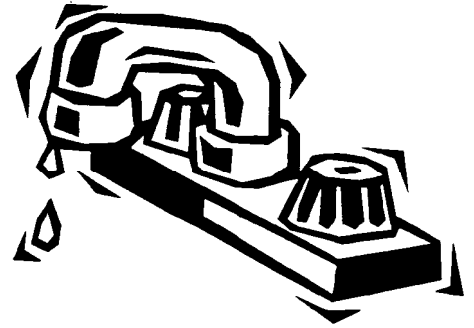
Richard Smith

(Mayor)

Attest: Phyllis Jones City Clerk

# URGENT!

## Water Shortage

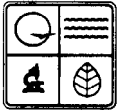


Which way will YOU conserve water today?

- 💧 take a shower that's 5 minutes shorter?
- 💧 draw only half as much water for the tub?
- 💧 do the laundry only if it's necessary?
- 💧 shut off the tap while brushing your teeth?
- 💧 postpone watering the lawn?
- 💧 get that leaky faucet fixed?
- 💧 run the dishwasher only if it's full?
- 💧 forget about washing the car?

Now...which will you do TOMORROW?

Every person can help--and every person's help is needed. Contact your local water supplier and learn MORE ways to save water.



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**Missouri Department of Natural Resources**

Recycled  
Paper 

## WATER USAGE RESTRICTIONS SAMPLE

Depending on the facilities impacted, water shortages are likely to exist. Therefore, it is essential that usage management restrictions be implemented in a timely manner to the extent the situation warrants. They must be strictly enforced. The restrictions may be as liberal as simply limiting usage to normal household uses to as severe as limiting usage to that required to sustain life. One of the most difficult tasks will be communicating with the customer population. The primary communications means will likely be through radio and television. Since television is more susceptible to interruptions during many disaster events and newspapers cannot disseminate information as rapidly, radio may be the primary means supplemented by more detailed announcements in the newspapers.

Many people are inclined to hoard when a shortage exists. Every effort must be made to discourage hoarding.

Normally, it is desirable to impose and lift usage restrictions in a progressive manner, using several steps or levels which gradually restrict usage or gradually relieve the restrictions. It is unlikely that imposing restrictions in steps under conditions which this plan is intended to address will be possible. Therefore, the restrictions believed to be required to reduce demands to manageable levels should be implemented in one step. Relieving the restrictions in two or more steps is preferable.

The following usage restriction levels shall apply:

### Level One

All usage of water permitted, except that lawn sprinkling and other outside plant watering limited to two days a week for each household. Even numbered premises may water on Tuesdays and Thursdays. Odd numbered premises may water on Wednesdays and Fridays. Car washing is permitted anytime.

### Level Two

Same as Level One, except that lawn sprinkling and other outside plant watering is limited to the 4 a.m. to 8 a.m. time period.

### Level Three

Water usage is limited to basic human needs, such as drinking, food preparation, bathing and other household uses; limited attended watering of outside plants using a hand-held hose, fire protection and public health and safety, as well as for essential industrial and commercial operations.

### Level Four

Water usage is limited to basic human needs, public health and safety requirements and fire protection.

### Level Five

Water service to all customers except medical facilities and limited fire protection to the extent that isolating parts of the distribution system is possible through closing valves. Potable water for drinking and food preparation will be provided at selected "water points" manned by Company or other public emergency operations entities.

### Special Restrictions

In addition to the above, special restrictions may be necessary if the water supply becomes contaminated and not safe for human consumption even though there is not a shortage. As in the case of "Level Five," water for drinking and food preparation must be provided at water points unless the contamination is bacteriological which will dictate boiling prior to consumption. Under such circumstances, the water may or may not be safe for uses other than fire protection.

All public notice pertaining to usage restrictions because of contamination must be disseminated to the customer population by the fastest means possible.

SEE ATTACHED C-1 WATER DISTRICT CONSERVATION RULE

RADIO – TV – CABLE TV

Contacts with media should be made prior to emergency.

Regular report times (every 15 minutes / 30 minutes, hour on the hour, etc., depending on the type of emergency) to keep the media current on the status of things in the District.

## Water Conservation

During periods of drought and / or when there is a shortage of water and / or when there exists a physical inability to deliver water to the District's users in customary quantities, the District and / or the management of the District may declare a "Water Conservation Alert."

Such "Declaration" may be publicized, given notoriety and disseminated by the District through the news media and shall be disseminated by the District using such methods, including the above, as shall reasonably notify and advise the District's water users of the Declaration and the existence of such "Alert."

Immediately upon notice and advice of such "Alert", but no later than 24 hours after publication by the District of the "Alert", each District user shall initiate a "Water Conservation Program."

The Water Conservation Program shall cause and include an immediate discontinuance of water use for non-essential purposes which are defined to include water uses (i) for the washing of sidewalks, driveways, streets, parking areas, patios and other similar paved places; (ii) for the filling and refilling of swimming pools; (iii) for the washing of automobiles, boats or other vehicles; (iv) for non-handheld container watering of lawn, gardens, plants, trees and shrubs; (v) for dust control and (vi) a reduction by 30 percent or more in the non-domestic (e.g., commercial and industrial) use of water.

Any District user who knowingly violates the "Water Conservation Program" may be subject to an immediate discontinuance of water service. The discontinuance, if initiated, shall continue until the user complies with the "Water Conservation Program" or until the District and / or management of the District declare the "Water Conservation Alert" at an end. All users to whom water service was discontinued, must pay prior to resumption of water service a service charge equal to the service charge provided for delinquencies in Section 5.4.4 of these "Rules and Regulations."

(New – Adopted 9-12-88)

## ACTION PLAN – POTABLE WATER POINTS

Potable water points will be established at designated locations for dispensing water for drinking and food preparation. Customers will be required to furnish their containers. Assistance in the form of potable water tank trucks and / or trailers will be requested from sources indicated in this manual. The following will be utilized for planning the establishment of water points:

THIS TO BE COMPLETED IN THE EVENT POTABLE DISPENSING NECESSARY

<u>Location</u>	<u>*Water Source</u>	<u>Manned By</u>	<u>Hours of Operation</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

\*Public supply, tanker, etc.

\*\*Company personnel (show names), National Guard Personnel, etc.

## GUIDELINES FOR PREPARING TANK TRUCKS FOR TRANSPORTING POTABLE WATER

The following procedures are guidelines for using tank trucks or trailers to provide potable water during drought or other emergency conditions. The appropriate Department of Natural Resources' regional office should be contacted before a water hauling operation is begun.

### Selection

Tank trucks or trailers to be used for transporting potable water should be selected with two considerations in mind: the nature of the truck's normal use and the degree of difficulty in cleaning. Commercial milk or potable water tank trucks are preferred. Trucks designed for the transport of wine, vegetable oil, beer, or other food products may also be used. Trucks that have been used to haul petroleum products or other toxic substances are not acceptable.

### Cleaning Procedures

Water trucks: Flush tanks thoroughly with potable water and inspect for particulate matter such as rust and sediment.

Milk trucks: Scrub tanks with detergent, flush thoroughly with potable water, and inspect for cleanliness.

The following cleaning procedures may be employed for tank trucks normally used for hauling such liquids as apple juice, vinegar, wine, yeast, liquid sugar, beer, corn syrup, cottonseed oil, peanut oil, margarine oil, linseed oil, safflower oil, and soybean oil:

1. Open the drain and flush with hot, potable water.
2. Steam with an emulsifying detergent until the tank is clean. If steam is not available, circulate the detergent at a temperature of 180 degrees to 210 degrees Fahrenheit, changing the location of the nozzle to keep the interior continuously wet from top to bottom. Repeat this procedure until the tank is clean.
3. Rinse the tank thoroughly with hot, potable water and drain.

All hoses should be stored off the ground and should be properly capped in storage and transit to prevent contamination. All equipment should be of an approved type for water supply purposes and should be new or obtained from a water supply application. All hoses, pumps and other equipment should be flushed and disinfected before use.